

Work Order ID 138060

138060

Page 1

Thursday, October 22, 2015 7:31:31 AM

Item ID: D2594-3 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: O-Ring
Start Date: 10/21/2015 Start Qty: 250.00 *250* Cust Item ID:
Required Date: 10/21/2015 Req'd Qty: 250.00 *250* Customer:
Reference:

Approvals: Process Plan: WLS Date: 10/21/2015 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2594	Rev C								

100 PURCHASING 0.00
100
Purchasing Memo 0.00
Purchasing Issue P/O: 30273 Purchase as per Dwg D2594 Possible P/N: Parker
2-011 Material release note is required

CY OCT 26 2015 250

110 Receive & Inspect for Damage & Mat'l Certs 0.00
110
Packaging Memo 0.08
Packaging Ensure Material Release Note is attached

250 x SPK-1030

120 QC6- Inspect dimensions to drawing 0.00
120
QC Memo 0.00
Quality Control

250

DAS
38
9-89
NOV 02 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐ Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐		AGAINST DEPARTMENT/PROCESS Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

Thursday, October 22, 2015 7:31:32 AM

Page 2

Stop *NR2*

Quality Control

NOV 03 2015

MCS NOV 03 2015

MCS NOV 03 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐ Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐		AGAINST DEPARTMENT/PROCESS Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Thursday, October 22, 2015 7:31:35 AM

Page 1

138060

D2594-3

Required Date: 10/21/2015

Required Qty: 250.00

EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS28775-011		Purchased	No			100	Each	0.0000	1	250			
MS28775-011									**	250 x 80F-1030			
O-Ring													

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

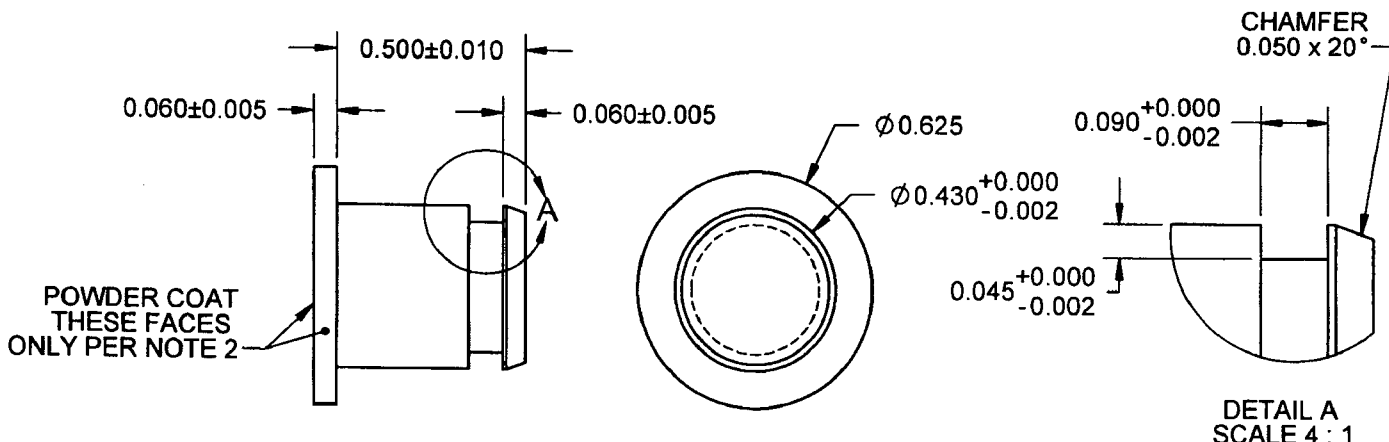
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



DESIGN #	DRAWN BY CB	DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. D2594	REV. C SHEET 1 OF 1
DATE 06.11.20		TITLE PLUG SCALE 2:1	
REV	DATE	DESCRIPTION	
A	96.09.16	NEW ISSUE	
B	97.03.15	ADD GROOVE AND O-RING	
C	06.11.20	ADD PWDR COAT; ADD MS P/N TO D2594-3; ADD AMS SPECS; ADD TOLERANCE NOTE	

RELEASED
06.11.28



D2594-1 PLUG

D2594-1 PLUG NOTES:

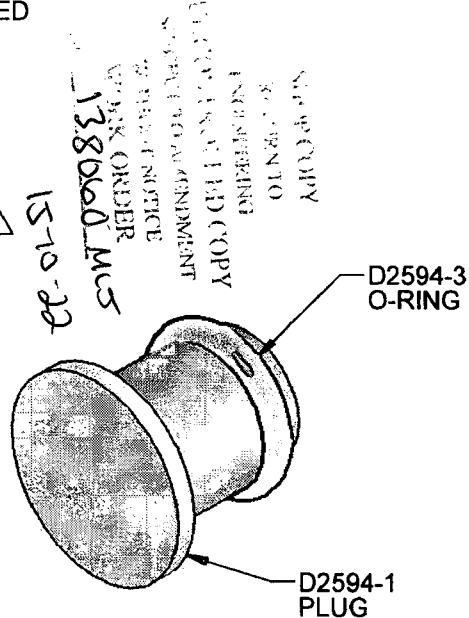
- 1) MATERIAL: ALUMINUM 5052-H32 ROUND BAR PER QQ-A-225/7 (REF DART SPEC M5052H32R) OR ALUMINUM 6061-T6/T651/T6510/T6511/T62 ROUND BAR PER QQ-A-225/8 OR QQ-A-200/8 OR AMS 4117/4128/4115/4116/4160 (REF DART SPEC M6061T6R)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT SPECIFIED FACES WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES TO 0.010 MAX

D2594-3 O-RING NOTES:

- 1) 5/16 ID, 7/16 OD, 1/16 WIDTH
- 2) POSSIBLE SUPPLIER P/N: PARKER 2-011 OR MS28775-011

PARTS LIST:

QTY	P/N	DESCRIPTION
X	D2594	PLUG ASSEMBLY
1	D2594-1	PLUG
1	D2594-3	O-RING



D2594 PLUG ASSEMBLY

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30273**

Purchase Order Date 10/26/2015

PO Print Date 10/27/2015

Page Number 6 of 14

Order From :

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 60612
USA

VU-KLX01

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

305-925-2600

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Line Total: **\$15.00**

18 MS28775-011

O-Ring

10/28/2015

Yes

10/28/2015

250.00

Each

\$0.15

\$37.50

AS PER DWG D2594 REV. C
B138060

Line Total: **\$37.50**

19 2600-6

Camlock Stud

10/28/2015 FN

Yes

10/28/2015

50.00

Each

\$1.89

\$94.50

Line Total: **\$94.50**

20 AN310-4

Nut

10/28/2015 FN

Yes

10/28/2015

50.00

Each

\$0.65

\$32.50

PO Instructions: QUOTE # 0JYFFT, 0JXKMH, 0JYTMV, 0K195N

Note:

10/27/2015

10/27/15

CUSTOMS INVOICE/PACKING SHEET



4534716-00

Cust#: 41513

SOLD TO: KLX Inc.

ATTN LESLIE MENIEUR
US

By receiving delivery of the items covered by this packing slip, buyer agrees to the terms and conditions of sale at:
www.KLXAerospace.com

SHIP TO: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY, CA K6A 1K7 CA

Pref. Routing A.O.G.: FEDX INTL P1 COLL

CORRESPONDENCE TO:

KLX AEROSPACE SOLUTIONS
(KLX Inc.)
10000 N.W. 15th Terrace

Miami, FL 33172

UPC VENDOR	INVOICE NO.	ON DOCK
000000	J24TRN	10/27/15
PROMISED	REQUEST	SHIPPED
10/28/15	10/28/15	
CUSTOMER P.O.		CUSTOMER RELEASE
30273		9YKX25

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
001M128	✓ 18	MS28775-011		250.00	EA	0.15	37.50		250.00	✓ 0.00	250.00
		Desc: PACKING PCAT: S HS# 4016.93.0000	426388-02	250.00		Cure: 2Q2015		US			
		MFR- Name: PRECIX Lot: 15142002 IT IS HEREBY CERTIFIED THAT THE ITEM IDENTIFIED HEREIN CONFORMS TO AN ESTABLISHED INDUSTRY, U.S. GOVERNMENT, OR COMMERCIAL STANDARD. PARTS ARE BEING SHIPPED BY KAPCO ON BEHALF OF KLX AEROSPACE SOLUTIONS (KLX Inc.) S/L: 15 YRS PER ARP5316 INSP BY: GuadalupeD 10/27/2015									

SP15-10-30

The merchandise listed has been produced in accordance with Fair Labor Standards Act of 1938 as amended.
No claims allowed unless made within ten (10) days after receipts of Goods and in no case shall the liability
assumed by us under the guarantees either expressed or implied, exceed the face value of the invoice for the
merchandise in question.

These commodities, technology or software were exported from the United States in accordance with the
Export Administration Regulations. Diversion contrary to U.S. Law is prohibited.

SHIPPED UNDER NLR HS#8803.30.0010 - ECCN: 9A991.D
COUNTRY OF ORIGIN: USA

TOTAL BOX VALUE:

37.50 USD

PAGE 1



CERTIFICATE OF CONFORMANCE

WE HEREBY CERTIFY THAT THE PRODUCT SUPPLIED IS NEWLY MANUFACTURED, CONFORMS TO THE
APPROVED DESIGN DATA, AND MEETS ALL REQUIREMENTS OF THE APPLICABLE PURCHASE ORDER.
EVIDENCE OF CONFORMANCE IS ON FILE AND AVAILABLE FOR REVIEW UPON REQUEST.

Pete Curti

PETE CURTI
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order
PACKING LIST

FOR CUSTOMS PURPOSES ONLY. DO NOT PAY FROM THIS DOCUMENT.

PRECITX

WALSHNET RUBBER

744 Belleville Ave. :: New Bedford, MA 02745
Tel. (508) 998-4000 :: Fax. (508) 998-4101

CERTIFICATION OF ANALYSIS

Packing Slip No.: 674349
Purchase Order No.: 428023-00 Qty.: 22500 Cure Date: 2Q/15 Ship Date: 25-Jun-15
Issue Date: 25-Jun-15
APCO: 011M31A
Lot Number: 15142002

Customer: KAPCO
Certification No.: 107850
Part #: MS28775-011 Rev.: A Drawings / Specifications MIL-P-25732 Rev.: C
Part #: AS568-011 Rev.: C N/A Rev.: N/A
Part #: N/A Rev.: N/A Rev.: N/A
Compound: H-14494 (M31)

Test Description	Requirement	Results	Pass (Yes/No)
Durometer, Shore A	75 ± 5	73	Yes
Tensile, psi, min.	1350	1707	Yes
Elongation, %, min.	160	198	Yes
Modulus @ 100, psi, min.	500	747	Yes
Specific Gravity	1.28 ± .02	1.27	Yes
TR10, F, max.	-49	-57	Yes
Comp/Set in MIL-H-5606			
70 hrs. @ 275° F			
% Of Original Deflection, max.	55	34.3	Yes
Fluid Aged in MIL-H-5606			
70 hrs. @ 275° F			
Durometer Change, Shore A, pts.	-15 / 5	-1.8	Yes
Volume Change, %	1 / 20	9.9	Yes
TR10, F, max.	-49	-57	Yes

THIS IS A COPY OF THE ORIGINAL
CERTIFICATION AS DELIVERED
TO KAPCO



This is to certify that the above parts were made in conformity with the specification listed, and that the above test results were obtained.

Authorized by,

David E. Muse

David E. Muse
Quality Control Manager

Notes / Comments

MS28775 REV E superseded by AS28775 REV A

(PRODUCT IS MERCURY FREE)
MADE IN USA

Tested by: 7363
Date Tested: 23-Jun-15
Printed by: 7280

744 Belleville Ave., New Bedford, MA 02745-6010
Tel (508) 998-4000 Fax (508) 998-4100

Page 1 of 1

-02

SHIP TO: KAPCO
3120 E. ENTERPRISE STREET
BREA, CA 92821, US

PO#: 428023-00	DATE SHIPPED: 6-25-15	SHIP VIA: UPS collect	DELIVERY #: 674349	DEPARTURE #	ORDER #: 243504
SALESPERSON: MARCIE RAPOSO		WAYBILL #	TOTAL PKGS: 1		TOTAL WEIGHT: 500

LINE NO.	ARC NUMBER / CUSTOMER PART NUMBER	CUSTOMER REQUEST DATE	ORDER QTY	# PACKAGES	QTY PER PACKAGE	TOTAL QTY SHIPPED
Per email Corey Ngniem 5-20-14-SHIP UPS GROUND UPS GROUND COLLECT ACCOUNT # 979375 LAB REPORT REQUIRED. ***PLEASE ADD TO LAB REPORT THE P.O. #, CURE DATED AND AMOUNT THAT IS SHIPPING*** MATERIAL CERTIFICATION REQUIRED 6-25-15 2no PARTS MUST HAVE A MIN OF 80% OF SHELF LIFE REMAIN AT TIME OF SHIPMENT DOCK AUDIT PRIOR TO SHIPMENT 6/2004 NAFTA CERTIFICATE OF ORIGIN REQUIRED. As of 4/30/04, Dock Audit shipment for correct lab report. <<<<CUSTOMER SERVICE TO UPLOAD SHIPPING INFO IN KAPCO PORTAL>>>>						
1	011M31A MS28775-011	19-JUN-2015	20000	8	2500	20000
2	011M31A MS28775-011	19-JUN-2015	12500	5	2500	12500

Shipping Notes:
MATERIAL CERTIFICATION REQUIRED

lot # 15142002 - 2Q15
(22500 PCS) 107850

lot # 15085004 - 2Q15
(10000 PCS) 107851

426388

RECEIVED
JUL 02 2015
By [Signature]

KAPCO 14 JUL

THIS IS A COPY OF THE ORIGINAL CERTIFICATION AS DELIVERED TO KAPCO

SUBJECT TO PRECITX'S TERMS AND CONDITIONS OF SALE WHICH CAN BE FOUND AT <http://www.precitx.com/pdfs/TermsandConditionsOfSale.pdf>.
ALL CONTRARY PROVISIONS ARE REJECTED, OBJECTIONABLE AND VOID.
THIS IS TO CERTIFY THAT THE PARTS SHIPPED AGAINST THE REFERENCED PURCHASE ORDER NUMBER CONFORM TO THE REQUIREMENTS OF THE REFERENCED DRAWING/PART NUMBER AND
VISION LEVEL. ALL PROCESS CONTROL RECORDS, TEST RESULTS AND FINAL AUDIT RESULTS ARE ON FILE AND AVAILABLE FOR REVIEW.